

Beyond Waste Implementation Status Report January 2006

Recommendations to Begin in First Year	Current Status
1. Collaborating with local government	Entries in bold (in this column) are new this month, or have been changed. Initials in parentheses indicate Ecology staff contact for this activity (see last page for contact information.)
Encourage inclusion of Beyond Waste principles into local plans. (SW1)	Providing assistance to several counties as they consider Beyond Waste principles, policies and recommendations for inclusion in their local solid waste plan revisions and updates. (CS)
Revise local planning guidelines. (SW2)	
Expand assistance from Ecology to local planning jurisdictions. (SW3)	
Collaborate with local government (to strategically use grant funds). (SW4)	
Increase residential and commercial organics recovery programs. (ORG2)	Statewide home composting workshop planning committee has formed and will meet this month. Workshop will likely be in October. (HW)
Fully implement local hazardous waste plans. (MRW9)	Breakout group at MRW kickoff meeting proposed approach and schedule for this effort. (DN)
Identify closed and abandoned landfill and dump sites statewide. (SW8 and SW9)	Staff is gathering existing information about locations of sites. (MH)
2. Focusing on specific sectors	
Reduce threats from PBDEs. Help implement Chemical Action Plan. (MRW3)	The final PBDE Chemical Action Plan has been issued. Recommendations for end-of-life management are expected in summer 06.(CK)
Reduce threats from mercury. Education and technical assistance to businesses; develop and implement household and school education. (MRW2)	An MOU was signed in Dec 05 between Ecology and the Washington State Hospital Association to reduce mercury in their hospital practices. An MOU was signed Jan 4, 2006 between Auto Recyclers of Washington (AROW) and Ecology to remove mercury switches. The dental MOU has ended with 90% compliance in installing mercury separators. A Mercury Assessment Checklist for schools is now available.(MP)

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Specific sectors to focus on. Implement Mercury Action Plan, including auto switches and lights, and in hospitals; help implement PBDE chemical action plan, general government sector and Cleaner Production Challenge. (IND1 and IND2)	Mercury product bans went into effect 1/1/06. Performance tracking indicates over 1,800 lb of mercury collected in 2005. (MP)
	Starting to scope out the general government sector. (internal survey/ meetings)
	Finished the Cleaner Production Challenge. (CC)
Develop a standardized process for sector work. Workgroup will establish process for selecting future sectors to prioritize. (IND3)	
Prioritize substances to pursue. In concert with IND3, workgroup will establish process for selecting future substances to prioritize. (MRW1)	Breakout group at MRW Initiative kickoff meeting proposed next steps and process for this project. (DN) WAC 173-333 was completed, which contains a process for prioritizing the PBT list and selecting the next PBTs that will require Chemical Action Plans. (CK)
3. Leading by example in government (including EPP)	
Lead by example in state government.	
<ul style="list-style-type: none"> Develop and implement environmentally preferable purchasing policies and practices and promote to users of state contracts. (MRW7) 	Met with state (cabinet) agency sustainability and purchasing coordinators to understand needs and opportunities. Next steps being developed. (PJ)
<ul style="list-style-type: none"> Maximize use and purchase of environmentally preferable products and services in the following areas: automotive products, grounds maintenance, electronics, cleaning products and flame retardants. (MRW7) 	Breakout group at MRW Initiative kickoff meeting proposed ideas and next steps for this effort. (PJ)
<ul style="list-style-type: none"> Assistance to state government to use green building practices. (GB2) 	Ecology will host a satellite broadcast for state agency construction project mgrs on April 19 (Sustainability and the Building Environment. Also will host an open house at Ecy Lacey Bldg for state agency staff to show how Ecology its sustainability plan goals, including fleet mgt, compost facility, green bldg features. (PS)
<ul style="list-style-type: none"> Maximize procurement of recycled organic products at state agencies. (ORG1) 	

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<ul style="list-style-type: none"> Implement yard debris, food waste and soiled paper collection and processing at state government facilities. (ORG1) 	
<ul style="list-style-type: none"> Develop best management practices for composting food waste and soiled paper at institutions. (ORG1) 	Underway. Outline is complete. The manual will focus on documenting ECY's experiences and lessons learned in food waste composting programs at different sized office buildings in various locations. (HW)
4. Building demonstration projects	
Lead by example in state government. Design and install food/paper towel compost demonstration project at Ecology HQ building. (ORG1)	Over 7,800 pounds of food and paper towel waste was diverted from Aug 23-Dec 31 2005. Most operational and collection system issues are now resolved. (HW)
5. Raising awareness, knowledge and demand	
Lead by example in state government. Advertise success of demonstration projects. (ORG1)	Wrote article about Fort Worden State Park and Conference Center vermicomposting project. Will be published in Closed Loop Scoop and on BW Website. (HW)
Increase awareness, knowledge and access to green building resources. Support expansion of ed. programs that are already being providing; work with educational institutions to include GB practices in curricula. (GB6)	The Tacoma-Olympia chapter of the US Green Bldg Council is starting a LEED User's Group in April 06 (previously reported as Jan). (PS)
6. Improving technical assistance and customer relationships	
Encourage P2 Planners to address hazardous substance use including toxicity and risk in their P2 Plans. Develop incentives, technical assistance, and new tools. (HW1)	
Modify P2 Planning Program to dovetail with the Beyond Waste vision. (IND5)	Staff person has been hired to coordinate this effort. Approach and schedule is being developed. (CC)
Strive for better relationships with the regulated community. HWTR inspectors more training, consistency, business experience, follow inspectors manual. (HW4)	

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Provide/promote statewide residential GB programs. Market available support, such as technical assistance, promotional materials, and checklists. (GB5)	BuiltGreen Washington Cooperative has been established and strategic plan is completed. Detailed implementation plan is being developed. Additional counties are establishing programs (Clallam), but funding is needed. (PS)
Ensure facilities handling MRW are in compliance with environmental laws and regulations. Form partnership to develop/implement a plan to strengthen compliance of TSDs, MRW recyclers, and other MRW facilities. (MRW10)	Breakout group at MRW kickoff meeting developed ideas and next steps for this effort. (DN)
Reduce the administrative burden for corrective action facilities. Encourage voluntary cleanup, use of orders instead of permits, reasonable and protective cleanups. (HW9)	
7. Providing incentives	
Explore ways to implement Beyond Waste incentives. (IND10)	A report on Incentives has been completed by consulting team (led by Cascadia Consulting). Next steps are being determined. (JS)
Increase residential and commercial organics recovery programs. Evaluate incentives used by other states; convene stakeholders for input on incentives. (ORG2)	
Lead by example in state government. Recommendations to legislature to identify incentives that will increase state government green building investments. (GB2)	
Provide incentives that encourage green design, construction, and deconstruction. (GB3)	Existing incentives are being catalogued. (PS)
	Deconstruction demonstration project will be conducted in April at White Center, through partnership with King County Solid Waste Division. (PS)
8. Reviewing statutes and regulations	
Ensure MRW and hazardous substances are managed according to hazards, toxicity and risk. Collect examples of problems and needs to address. (MRW8)	

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Ensure hazardous waste management facilities are operated in a safe manner. Rule development for TSD initiative. (HW7)	New rules for TSDs have recently been adopted (CC)
9. Providing enhanced tools on the Web	
Improve P2 Plan quality and relationships with P2 planners. Web-based P2 planning format. (HW3)	
Work to ensure greater compliance with the regulations. More compliance information on the Web. (HW5)	Ecology HWTR Program Web site is being redeveloped. (CC)
Increase residential/commercial organics recovery programs. Research existing collection contracts; identify opportunities for increased organics recycling in future contracts. (ORG2)	
Lead by example in state government. Provide information on web about composting demo project and best management practices. (ORG1)	
Provide and promote statewide residential green building program. Create a BuiltGreen Washington Web site; cookbook on how to start new programs; market available resources and technical assistance. (GB5)	BuiltGreen Washington Web site is operational at www.builtgreenwashington.org (PS)
Expand information on Ecology's Web site. (IND6)	Ecology's new Green Building website is live and may be accessed at: http://www.ecy.wa.gov/programs/swfa/greenbuilding/index.html . (PS)
	Beyond Waste Website redevelopment is underway. New site will serve as implementation gateway. (CS)
10. Researching and promoting green products	
Encourage innovative product design. Support and actively participate in regional and national product stewardship councils and efforts to help ensure that current product stewardship initiatives for carpet, paint, and mercury-containing building products are making progress (use government purchasing power to drive product stewardship efforts). (GB7)	New Ecy Haz Waste hire on board Jan 9 to focus on green building and EPP. They will be responsible for green building products and PS efforts once they are up-to-speed. Green Building staff is helping with efforts to get Green Seal certification for recycled paint so that is can qualify for the indoor air qualities credit under LEED. (PS)

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Lead by example in state government. Identify procured products that interfere with closed-loop organics recycling; encourage use and development of alternatives. (ORG1)	
11. Developing recycling and product stewardship infrastructure	
Develop an electronics product stewardship infrastructure. Conduct study in accordance with ESHB 2488 and participate in national/regional dialogues. (MRW4)	Electronic Product Recycling & Reuse Project SWAC Subcommittee has completed its report, and electronics product stewardship legislation is being considered this session by the state legislature. (JS)
	Electronics TPO (Third Part Organization) process has resulted in agreement on content of report for how a TPO could successfully work (essentially a conceptual business plan). Report will be completed by end of Jan 06. This should augment any efforts/legislation on electronics product stewardship. (DN)
Reduce and manage all architectural paint wastes. Continue participation in national Paint Dialogue; if not successful develop an alternative northwest approach. (MRW6)	Draft consultant report is completed, and includes a model and associated costs for a paint collection infrastructure system. This is part of the National Paint Dialogue MOU. \$1.2 million has been invested (about half from industry and half from government) in the 11 projects contained in the MOU. An additional \$300,000 is needed. (DN)
12. Collaborating with our key partners	
NEW ITEM	A "kickoff meeting" on the MRW Initiative was attended by 62 people on Jan 10 to begin establishing partnerships and project schedules for 6 of the MRW recommendations (MRW 1, 6, 7, 8, 9, and 10). Follow-up will be coordinated by Ecology MRW staff, who were encouraged by the attendance, ideas, and enthusiasm of the participants, who came from government, NGOs and the private sector. (DN)
Negotiate the State agreement with EPA. Revise state agreement between Ecology and EPA to be more in line with Beyond Waste vision. (IND8)	The agreement was finalized in June, and it includes the goal of assuring that maximum resources are available to accomplish BW activities. It also includes provisions for flexibility in implementation. (EZ & CC)
Support EPA's "Beyond Waste" type efforts. (IND13)	Submitted comments on EPA's Resource Conservation Challenge. (CC)

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Coordinate and facilitate partnerships to implement Green Building Action Plan. Convene partnership forum to coordinate implementation of GB initiative. (GB1)	Statewide green building "summit" will be held in spring 2006 (date not yet determined). (PS)
Evaluate financing for the solid waste system. Convene workgroup to conduct evaluations of solid waste financing. (SW14)	SWAC project steering team is beginning to plan process and schedule for this project (CS)
Develop a strategy to increase industrial and agricultural organics recovery. Assess barriers. (ORG4)	A statewide biomass inventory and bioenergy assessment was completed, finding 16.9 million tons of annual renewable organic materials with potential to produce energy. A state agency bioenergy team is exploring how state agencies can implement an organics economy. Gov Gregoire has proposed supplemental budget funds this session to work on bio-products. (HW)
	Ecology funded a pilot-scale dairy manure/municipal organics anaerobic digester at the WSU dairy center. The unit will test ways to product various products like fiber, fertilizer, recovered gas and cleaned water for crop irrigation or dairy flush. A mobile digester will be built after testing. (HW)
13. Collecting and analyzing data	
Continue the work of Ecology's data team to produce a joint Beyond Waste progress report. (DATA2)	Ecology staff team has begun planning this effort. "report card" format is being developed. (CS)
Refine indicators for each initiative with our key partners. (DATA3)	Potential indicators are being researched. (CS)

KEY TO STAFF CONTACTS

CK	Carol Kraege	360-407-6906	ckra461@ecy.wa.gov
CC	Chris Chapman	360-407-7160	ccha461@ECY.wa.gov
CS	Cheryl Smith	360-407-6654	cstr461@ECY.wa.gov
DB	Dennis Bowhay	509-454-7866	dbow461@ECY.wa.gov
DN	Dave Nightingale	360-407-6392	dnig461@ECY.wa.gov
EZ	Elliott Zimmerman	425-649-7169	szim461@ECY.wa.gov
HW	Holly Wescott	360-407-6113	hwes461@ECY.wa.gov
JS	Jay Shepard	360-407-7040	jshe461@ECY.wa.gov
MP	Maria Peeler	360-407-6704	peel461@ecy.wa.gov
MH	Mike Hibbler	509-329-3466	mhib461@ECY.wa.gov
PS	Paige Sorensen	360-407-6352	psor461@ECY.wa.gov
PJ	Patricia Jatczak	360-407-6358	pjat461@ecy.wa.gov